

CAR-5030

CASwell High Performance 2U Rackmount Network Security System
Based On Intel New Generation Processor Platform—Romley-EP



Intel New Communications Platform—Romley-EP, with Dual Processor & 16 Cores

CAR-5030 has dual Intel new generation processor built in, with total up to 16 cores. The **CAR-5030** mother board comes fitted with 16 DDR3 1600 DIMM, support up to 128GB. There are 80 PCIe 3.0 lanes comes from dual CPU.

5 CASwell Proprietary Ethernet Module & 50GbE Ports

The **CAR-5030** can be fitted with up to five **CASwell** proprietary Ethernet modules and two standard Ethernet modules, increasing the number of GbE port up to 50. When the **CAR-5030** is fitted with three **CASwell** proprietary Ethernet modules, the option of having four standard add-on cards is available. Others customized options shall be available

Intel Next Generation Acceleration Technology & High Flexible CASwell Ethernet Module

When fitted the Cave Creek chip module, the **CAR-5030** can take full advantage of Intel new QuickAssist Technology. This new technology not only provides Encrypt & Decrypt function, but also off load processor loading. **CASwell** Ethernet module supply wide range choice for client, e.g. 4/ 8GbE copper or 2/ 4/ 8GbE fiber with 0/ 1/ 2 bypass segment, also expandable with 2 ports 10GbE (RJ45 or SFP+) with or without bypass . Moreover, there are four standard PCIe(x8) expansion slots, which could satisfy all customers various demand.

Application

CAR-5030 2U is perfectly positioned for network security applications such as firewall, VPN, IDS/IPS, anti-spam, anti-virus and UTM, and network management applications such as routers, RAS gateways, QoS, server load-balance, wireless controllers, medical DICOM and PACS, and industrial automation control via Ethernet TCP/IP.

**For more information about CAR-5030, please visit
CASwell website: <http://www.cas-well.com>
Or contact by phone: +886-2-7705-8888**

Key Features

- ◆ Support Sandy Bridge-EP & Ivy Bridge-EP processor
- ◆ Up to 16 cores, 40MB cache, 2QPI
- ◆ Five CASwell Ethernet modules, one PCIe(x4) and three PCIe(x8) standard expansion slot
- ◆ GbE speed IPMI 2.0 module

Specification

Platform	Processor Options	Dual Intel Xeon E5-2600 series socket R type CPU
	Chipset	Patsburg -B (C604)
System Memory	Technology	DDR3 RDIMM/ UDIMM/ ECC
	Max Capacity	128GB
	Socket	16x240P DIMM
Storage	HDD Trays	4 x 3.5" SATA (on board)
	CompactFlash	1 x CompactFlash (compatible with CF SATA)
Networking	Ethernet Ports	Base on CASwell Ethernet module (up to 50 ports)
	Bypass	Depend on CASwell Ethernet module
Expansion	PCIe	(1) x PCIe4 & (3) x PCIe8 Standard NIC
IO Interface	Console	1 x RJ45
	IPMI	1 x RJ45
	Management Port	2 x RJ45 (82574L)
	USB	2 x USB
	On/ Off or Reset	Setting by jumper
	LCD	Character 2x16 or Graphic 128x32/64
	VGA	Depend on IPMI module
Physical Dimension	Dimension (WxDxH)	438(W) x 562(D) x 88(H) mm
	Weight	SKU/Configuration dependent
Power	Type/ Watts	2U mini Redundant PSU (450W/ 600W)

